	MPARRLI
 	
5	SIKWTL
5	
101	PELVQA
101	
. 51	51 TSLLYLGRTEYTITMYDTKTRELRWNATYFDYAASLPEDEGDYKMSHFVS 200
.51	_
01	NGDGLVVTVDSESGDVLWIONYASPVVAFYVWORFGIRKVMHTNVAVFFF
0.1	NGDGTA

FIG. .

757	RYLTEMSGEVGRITKWKYPFPKETEAKSKLTPTLYVGKYSTSLYASPSMV	300
251		300
301	HEGVAVVPRGSTLPLLEGPQTDGVTIGDKGECVITPSTDVKFDPGLKSKN	350
301		350
С П	• 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	400
30T		
351	KLNYLRNYWLLIGHHETPLSASTKMLERFPNNLPKHRENV1PADSEKKS!	400
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FIG. 1 $(CONT.^{1})$

2	QLQSVSSAIHLCDKKKMELSLNIPVNHGPQEESCGSSQLHENSGSPETSR 54	
313	:	
22	SLPAPQDNDFLSRKAQDCYFMKLHHCPGNHSWDSTISGSQRAAFCDHK111 104	
363		
	:	
105	PCSSAI	
413		
) [
155	LLSRDI	
463	LLSRDLIMKEDYELVSTKPTRTSKVRQLLDTTDIQGEEFAKVIVQKLKDN >12	
	(
	205 KQMGLQPYPEILVVSRSPSLNLLQNKSM 232	
	513 KQMGLQPYPEILVVSRSPSLNLLQNKSM 540	

	MADLEAVLADVSYLMAMEKSKATPAARASKKILLPEPSIRSVMQKYLEDR 50
\leftarrow	
\cup	GEVTFEKIFSQKLGYLLFRDFCLNHLEEARPLVEFYEEIKKYEKLETEEE 100
_	
	101 RVARSREIFDSYIMKELLACSHPFSKSATEHVQGHLGKKQVPPDLFQPYI 150
101	
	151 EEICQNLRGDVFQKFIE 167
	151 EEICQNLRGDVFQKFIE 167

200

RESETNKGAFSLSVKDVTTQGELIKHYKIRCLDEGGYYISPRITFPSLQA

RESETNKGAFSLSVKDVTTQGELIKHYKIRCLDEGGYYISPRITFPSLQA

151

151

200

\leftarrow	MGLVSSKKPDKEKPIKEKDKGQWSPLKVSAQDKDAPPLPPLVVFNHLTPP 50	20
 l	MGLVSSKKPDKEKPIKEKDKGQWSPLKVSAQDKDAPPLPPLVVFNHLTPP 50	20
	TSHRUDUSING ING ING ING TO THE TOTAL STREET	100
27	PPDEHLDEDKHFVVALY DY TAMN DKULQMENGEKLKV HILL	
7		100
 	+ +	7
101	101 VIGREGYVPSNFVARVESLEMERWFFRSQGRKEAERQLLAPINKAGSFLL 130	O C T
	T LAS O KANTOK & F TO CE CENTER OF THE CENTE	ر 1
101) - -

249 300 250 QFGEVWMGYYKNNMKVAIKTLKEGTMSPEAFLGEANVMKALQHERLVRLY LVQHYSKKGDGLCQRLTLPCVRPAPQNPWAQDEWEIPRQSLRLVRKLGSGSYYKNNMKVAIKTLKEGTMSPEAFLGEANVMKALQHERLVRLY LVQHYS.... 201 201 207

250	AVVTKEPIYIVTEYMARGCLLDFLKTDEGSRLSLPRLIDMSAQIAEGMAY 299
301	
ı	٠
300	IERMNSIHRDIRAANILVSEALCCKIADFGLAKIIDSEIIAQEGAMILITTATATATATATATATATATATATATATATATATATA
351	IERMNSIHRDIRAANILVSEALCCKIADFGLARIIDSEYTAQEGAKFFIN
	998 AHINATVAGNOMOGNATIGOTIMETERS
350	WTAPEAIHEGVETIKADVWSFGVILMEVVIlgkvelegizni dvillari
401	WTAPEAYHFGVFT'LKADVWSFGVLLMEVVILLCIVVILE CITOTO
	· · · · · · · · · · · · · · · · · · ·
400	GYRMPRPDTCPPELYRGVIAECWRSKFERKFIFEFTAXVALFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF
451	
	150 VET,0P 454
	-
	501 YELQP 505

FIG. 4 (CONT.¹)

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1 MTRDEALPDSHSAQDFYENYEPKEILGRGVSSVVRRCIHKPTSQEYAVKV 50	MTRDEALPDSHSAQDFYENYEPKEILGRGVSSVVRRCIHKFTSQEYAVKV 30	V 1	IDVTGGGSFSPEEVRELREATLKEVDILRKVSGHPNI.IQLKDTYETNTF 99	101 FFLVFDLMKRGELFD 115	100 FFLVFDLMKRGELFD 114
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20 02	100	100	1 150	l 7 150		
1 VFLGRCRSVKEFEKLNRIGEGTYGIVYRARDTQTDEIVALKKVRMDKEKD 	51 GIPISSLREITLLLRIRHPNIVELKEVVVGNHLESIFLVMGYCEQDLASL			LOI LENMPIFISHAY NOIVE STATES TO THE TOWN TO THE THROUGHT THE THROUGHT THE THROUGHT THE THROUGHT THE THROUGHT THRO	151 KTGGNLGOAWSL 163	151 KTADFGLARAYGV 163

22	22 AVGCILAELLAHRPLLPGTSEIHQIDLIVQLLGTPSENIWPGFSKLPLVG 71
l]	9/C 2/110 12/00 CENTERCOCERO
197	AELLAHRPLLPGTSEIHQIDLIVQLLGTFSENIWFGFSKLFVG
72	QYSLRKQPYNNLKHKFPWLSEAGLRLLHFLFMYDPKKKALAGDCLESSIF
	300 HACOFF (1200)
247	QYSLRKQPYNNLKHKFPWLSEAGLRLLHFLFMYDPKKKATAGDCLESS 1.5
	122 KEKPLRLPISGVCEGCREPG 141
	297 KEKPLRLPISGVCEGCREPG 316

50 50 VFLGRCRSVKEFEKLNRIGEGTYGIVYRARDTQTDEIVALKKVRMDKEKD VFLGRCRSVKEFEKLNRIGEGTYGIVYRARDTQTDEIVALKKVRMDKEKD

51 GIPISSLREITLLLRLRHPNIL 72

51 GIPISSLREITLLLRLRHPNIV 72

FIG.

DKSYKAVLEDPMLKFSGLY 50 :	SKYGMFRQGMHDLKVWPNVE 150 SKYGMSRQGMHDLKVWPNVE 150	AHRQGHMVKVDWLDRLTFRE 200	YGIVYYEKDGDESSPILTSF 250 YGIVYYEKDGDESSPILTSF 250	PSDHDLKPYPSPRDQLKNIV 300
1 MGEAEKFHYIYSCDLDINVQLKIGSLEGKREQKSYKAVLEDPMLKFSGLY 1 MGEAEKFHYIYSCDLDINVQLKIGSLEGKREQKSYNAVLEDPMLKFSGLY 51 QETCSDLYVTCQVFAEGKPLALPVRTSYKAFSTRWNWNEWLKLPVKYPDL 51 QETCSDLYVTCQVFAEGKPSALPVRTSYKAFSTRWNWNEWLKLPVKYPDL 51 QETCSDLYVTCQVFAEGKPSALPVRTSYKAFSTRWNWNEWLKLPVKYPDL	101 PRNAQVALTIWDVYGPGKAVPVGGTTVSLFGKYGMFRQGMHDLKVWPNVE 	151 ADGSEPTKTPGRTSSTLSEDQMSRLAKLTKAHRQGHMVKVDWLDRLTFRE	201 IEMINESVKRSSNFMYLMGGFRCVKCDDKEYGIVYYEKDGDESSPILTSF 	

FIG. 10 (CONT. 1)

In the same was more one. In the same was th

551	RLVHLMKAVQRESGNRKKKNERLQALLGDNEKMNLSDVELIPLFPGVK 600	
551		
601	IRGIIPETATLFKSALMPAQLFFKTEDGGKYPVIFKHGDDLKQDQL1LQ1 0000	
601	IRGIIPETATLEKSALMPAQLEFKTEDGGKYPVIFKHGDDLRQDQLILQI 650	
	1	
651	ISLMDKLLRKENLDLKLTPYKVLATSTKHGFMQFIQSVPVAEVLDTEGSI /00	
651	ISIMDKLLRKENLDLKLTPYKVLATSTKHGFMQF1QSVFVAEVLD1EGS1	
701	QNFFRKYAPSENGPNGISAEVMDTYVKSCAGYCVITYILGVGDKHLUNLL	
	.	_
701	QNFFRKYAPSENGPNGISAEVMDTYVKSCAGYCVIIIILLGVGDKALDNLV	
	751 LTKTG 755	
	751 LTKTG 755	

FIG. 10 (CONT.²)

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\leftarrow	MGEAEKFHYIYSCDLDINVQLKIGSLEGKREQKSYNAVLEDPMLKFSGLY 50	
51	QETCSDLYVTCQVFAEGKPLALPVRTSYKAFSTRWNWNEWLKLPVKYPDL 100	0
51		0
101	PRNAQVALTIWDVYGPGKAVPVGGTTVSLFGKYGMFRQGMHDLKVWPNVE 1	50
101		50
ر ر	2 STLSEDOMSRLAKLTKAHRQGHMVKVDWLDRLTFRE	00
7 H		200
T 2 T	ADGSEFINIFGRISSIEGESTATIONIFFICIAL STATIONIFFICIAL STATIONIFFICIAL STATIONIFFICIAL STATIONIFFICIAL STATIONIFFICIAL STATIO	1
201	IEMINESVKRSSNFMYLMGGFRCVKCDDKEYGIVYYEKDGDESSPILTSF 2	20
201		50
L	. VINJORASJANTOHUSASIJA OKO INHINISAJI INA ISMOGRAJI IN	300
727	ELVEVEVEDEQMODENTA EDIXIMITATION (C. C. C	
ر 1	TILLILLI I I I I I I I I I I I I I I I I	300

FIG. 11 (CONT.¹)

500 EC 501

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51	
101	101 QFEELLQNGSRHFEDWIDLEPEGRVYVIIDLSGSSGEVKIPNSAFCERER 150
101	QFEELLQNGSRHFEDWLDLEPEGRVIVLLDDSGSSGEAFIVDINGERV
	151 VEMR 154
	151 MRPR 154

 1	MILIPRMLLVLFLLLPILSSAKAQVNPAICRYPLGMSGGQIPDEDITASS 50	
\leftarrow	^	
10	OMSPSTARYGRI, DSEEGDGAWCPEIPVEPDDLKEFLQIDLHTLHFITLV 100	
1 [OWSESTAAKYGRLDSEEGDGAWCPEIPVEPDDLKEFLQIDLHTLHFITLV 100	
	150 THE TRANSPORT TO TH	
.01	GTQGKHAGGHGLEFAFILKINISKESTTMTSTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	
- - -		
57	FLKDLEPPIVARFVRFIPVTDHSMNVCMRVELYGCVWLDGLVSINAFAGY	
151	hr1	
	055 VHEYHV 250	_
201	OFVLPGGSIIYLNDSVYDGAVGISMIEGLGKLIEGVGGGGT	
201	<u> </u>	_
	OOE MHIMINDILLING .	
251	WPGYDYVGWRNESATNGYIEIMFEFDRIRNF"T" WRV HONNMF ANG VINTERS WAR WEGYDYVGWRNESATNGY I FILLIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	
251		$\overline{}$

FIG. 14

301		350
301		350
ر 1		400
351		400
		(!
401	LIGCLVAIIFILLAIIVIILWRQFWQKMLEKASRRMLDDEMTVSLSLPSD	450
401	LIGCLVAIIFILLAIIVIILWRQFWQKMLEKASRRMLDDEMTVSLSLPSD	450
451	SSMFNN	200
451		200
	501 SGEDDVVE.QGVKGETSASI 519	
	501 SGCSGVVKPVQPSGPEGVPHYAEADIVNLQGVTGGNTYSV 540	

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FIG. 14 (CONT. 1)

	MANFQE
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27	MVRTELIESVHSPVTTTVLTSVSEDSRDQFENSVLQLREHDESETAVSQG 100
51	51 MVRTELIESVHSPVTTTVLTSVSEDSRDQFENSVLQLREHDESETAVSQG 100
101	NSNTVDGESTSGTEDIKIQFSRSGSGGGFLEGLFGCLRPVWNIIGKAYS 150
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201	NETDIKHLRKLKHPNIIAFKGVCTQAPCYCIIMEYCAHGQLIEVLKAGNN

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395	T.KGPLSEETEASDSVDGGHDSV11DFEK1EFG1DFED1DF ELLDDM1 DW、	
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	171 STIKKRAGMOGT, CDR 185	
	4 A A A A A A A A A A A A A A A A A A A	

46 MAPPSEETPLIPQRSCSLLSTEAGALHVLLPARGPGPPQRLSFSFG

46

MAPPSEETPLIPQRSCSLLSTEAGALHVLLPARAPGPPQRLSFSFG

\leftarrow	MAESAGASSFFPLVVLLLAGSGGSGPRGVQALLCACTSCLQANYICETDG 50	$\overline{}$
-	MAESAGASSFFPLVVLLLAGSGGSGPRGVQALLCACTSCLQANITCELDG	\supset
51	ACMVSIENLDGMEHHVRTCIPKVELVPAGKPFYCLSSEDLRNTHCCYTDY	100
77	ACMVSTENLDGMEHHVRTCIPKVELVPAGKPFYCLSSEDLRNTHCCYTDY	100
i)		
101	CNRIDLRVPSGHLKEPEHPSMWGPVELVGIIAGPVFLLFLIIIIVFLVIN	150
		П
101	CNRIDLRVPSGHLKEPEHPSMWGPVELVGIIAGPVFLLFFLLFLTILTTVFLVTN	00.
		0
15	151 YHQRVYHNRQRLDMEDPSCEMCLSKDKTLQDLVYDLSTSGSGTAFF 130	0
		C
151	31 YHQRVYHNRQRIDMEDPSCEMCLSKDKTLQDLVYDLSTSGSGSGLFLF 198	α

	101 DKAIDILDRSSSMKSLRILLLSQDRNHNSSSPHSEVSRQVRIKASQSAGI	<u>اِلَّهُ</u>	7 T T T T T T T T T T T T T T T T T T T	MDEQEALNSIMNDLVALQMNRRHRMPGYETMKNKDTGHSNRQSDVRIKFE 50
			151	INTIYQPPEPRSRHLSVSSQNPGRSSPPPGYVPERQQHIARQGSYTSINS
101 DKAIDILDRSSSMKSLRILLLSQDRNHNSSSPHSEVSRQVRIKASQSF 101 DKAIDILDRSSSMKSLRILLLSQDRNHNSSSPHSEVSRQVRIKASQSF 151 INTIYQPPEPRSRHLSVSSQNPGRSSPPPGYVPERQQHIARQGSYTS1 151 INTIYQPPEPRSRHLSVSSQNPGRSSPPPGYVPERQQHIARQGSYTS1	T L L L L L L L L L L L L L L L L L L L	H H N H	201	EGEFIPETSEQCMLDPLSSAENSLSGSCQSLDRSADSPSFRKSRMSRAQS
			201	- 년 - 년 - 년

FIG. 19 (CONT.¹)

50 4 7	100	69	150	119		7	169	250	7	7. H V
1 MDEQEALNSIMNDLVALQMNRRHRMPGYETMKNKDTGHSNRQKKHNSSSS 50 	ALI, NSPIVITSSCAGASEKKKFLSDVRIKFEHNGERRIJAFSRPVKYEDV	43SDVRIKFEHNGERRIIAFSRPVKYEDV	•		70 EHKVTTVFGQPLDLHYMNNELS1LLKNQDDLAAATJTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	151 LLSQDRNHNSSSPHSEVSRQVRIKASQSAGDINTIYQPPEPRSRHLSVSS		SSTACHENDORSHACE CONTRACTOR OF THE STATE OF	201 ONPGRSSPPPGYVPERQQHIARQGSYTSINSEGEFIFEISEGEFIELT	170 ONPGRSSPPPGYVPERQOHIARQGSYTSINSEGEFIPETSEQCMLDPLSS

	401 QTSYGGKQLG 410 	
	320 ENMGLAVQYLDFRGRLRSADSENALSVÆHMVI 1001 5111	ω 2
364	: :))
400	351 ENMGLAVOYLDPRGRLRSADSENALSVQERNVPTKCEELSLARRRLPRWS	ω Ω
319	270 VKGGTYPRRYHVSVHHKDYSDGRRTFPRIRRHQGNLFTLVPSSRSLSTNG	2.7
))	301 VKGGTYPRRYHVSVHHKDYSDGKRTFPRIKKAQGMAFIAVESINGELM 	30
С П	CINET	
2 6 9		2
()
300	251 AFNST SGSCOSLDRSADSPSFRKSRMSRAQSFPDNRQEYSDRETQLYDKG 300	7

25(201 LGERDYGPPIDLWGAGCIMAEMWTRSPIMQGNTEQHQLALISQLCGSITP	
) 1	139	
130	151 KAANVLITRDGVLKLADFGLARAFSLAKNSQPNRYTNRVVTLWYRPFELL	
	139	
139		
150		
139	101 LVFDFCEHDLAGLLSNVLVKFTLSEIKRVMQMLLNGLYY	
100		
100	* KEGFPITALREIKILQLLKHENVVNLIEICRTKASPYNRCKGSIY	
20	MAKQY	
20	1 11 TO VENDEVIEC DECIDEVSKYEKLAKI GOGTEGEVEKARHRKT GOKVALKKV 50	

681	139	~
251	EVWPNVDNYELYEKLELVKGQKRKVKDRLKAYVRDPYALDLIDKLLVLDP 300	
140	NHDFFWSDPMPSDLKGMLSTHLTSMFEYLAPPRRKGSQIT 179	\sim
301 3		\circ
	100 HWATTTHOMERAMON 001	
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FIG. 21 (CONT.¹)

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	MATSRYEPVAEIGVGAYGTVYKARDPHSGHFCALKSVRVPNGGGGGGGLF 50
51 I	ISTVREVALLRRLEAFEHPNVVRLMDVCATSRTDREIKVTLVFEHVDQDL 100
51 1	
	101 RTYLDKAPPPGLPAETIK 118

40 1 MATSRYEPVAEIGVGAYGTVYKARDPHSGHFCALKSVRVP

FIG. 23

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 89	
α Γ	STCKMI,, TKDAKORLGCQEEGAAEVKRHPFFRNMNFKRLEAGMLDPPFVP 177
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 [0 8 1 1 1 1 1 1 1 1 1	
228 TJ	TECFKEINVFGPNGTLPPDLNKNHFFBFFNNGTLYKYTXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
518 T	ECFKELNVFGPNGTLPPDLNRNHPPEPPKKGLLQRLFKRQHQNNSKSSP 567
	()()E PPTHPMPMITTITE THE SECTION OF SECTION
)
	568 SSKTSFNHHINSNHVSSNSTGSS 590

•••	130 SICKMVSSWWPDATLKLVAPSLGLAPV 156
130 SICKMVSSWWPDATLKLVAPSLGLAPV 156	
68 YWGLGCLIYEMIEGOSPFRGRKEKVKREEVDKKVLETEEVISARFSEEAN 317 130 SICKMVSSWWPDATLKLVAPSLGLAPV 156	68 YWGLGCLIYEMIEGOSPFRGRKEKVKREKVUKKVLETEEVISANFSEEAN 317
68 YWGLGCLIYEMIEGQSPFRGRKEKVKREEVDRRVLETEEVYSHKFSEEAK 417	68 YWGLGCLIYEMIEGOSPFRGRKEKVKREEVDRRVLETEEVYSHKFSEEAK 417
30 YWGLGCLIYEMIEGQSPFRGRKEKVKREEVDRRVLETEEVYSHKFSEEAK 129 	30 YWGLGCLIYEMIEGQSPFRGRKEKVKREEVDRRVLETEEVYSHKFSEEAK 129
18 LLDDYGHIRISDLGLAVKIPEGDLIRGRVGTVGYMAPEVLNNQKYGLSFD 307 30 YWGLGCLIYEMIEGQSPFRGRKEKVKREEVDRRVLETEEVYSHKFSEEAK 129 1111111111111111111111111111111111	18 LLDDYGHIRISDLGLAVKIPEGDLIRGRVGTVGYMAPEVLNNQKYGLSFD 307 30 YWGLGCLIYEMIEGQSPFRGRKEKVKREEVDRRVLETEEVYSHKFSEEAK 129 11
	:

TAPFLR] TAPFLR TAPFLR TAPFLR MYPEWK KAEFWI KAEFWI KAEFWI AKIHY AKIHY
201 IDALIGACIGIAMON SENTE CONTROLLO SOL IDALIGACIGIAMON SENTECONCESE 250 201 IDALIGACIGIAANSADTIFQAERFNIDMPHRFKVHNYMSPTFCDHCGSL 250
251 LLPAPHDKHQWDCG 264

HPGYGKEVDLEFLVSPSLPCLLSFAGSARHLVPPDSNLFSKLWACG 50	/ILFTLLAGSPPFWHRRQILMLRMIMEGQYQFSSPEWDDRSSTVKDLISR 100 	LLQVDPEARLTAEQALQHPFFERCEGSQPWNLTPRQRFRVAVWTVLAAGR 150 	STHRVRPLTKNALLRDPYALRSVRHLIDNCAFRLYGHWVKKGEQQNR 200 	201 AALFQHRPGPFPIMGPEEEGDSAAITEDEAVLVLG 236
1 MDETHPGYGKEVDL 	51 VILFTLLAGS 221 VILFTLLAGS	101 LLQVDPEAR] 271 LLQVDPEAR	VALST VALST	37 (8)

	MAFCAKMRSSKKTEVNLEAPEPGVEVIFYLSDREPLRLGSGEYTAEELCI 50 	
-1		
51	RAAQACRISPLCHNLFALYDENTKLWYAPNRTITVDDKMSLRLHYRMRFY 100	\bigcirc
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57	<u> </u>	0
Γ. -	OVDIVECTAPTROPKTRODGHDIENECLGMAVLAISHYAMMKKMQLPELP 200	0
) 		
201	KDISYKRYIPETLNKSIRQRNLLTRMRINNVFKDFLKEFNNKTICDSSVS 25	0
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T 0 7	KDISYKKYIPINKSIKQKNDDIRMAKINN VINDIBINA KANTILANA TAKATA AMARATA OZGONANA TAKATA MANTILANA TAKATATA MANTILANA TAKATA A MANTILANA TAKATA MANTIL	1
751	THDIKVKYLATLETLTKHYGAEIFETSMLLISSENEMNWFHSNDGGNVLY 3	00
i) 1		
251		0

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301	YEVMVTGNLGIQWRHKPNVVSVEKEKNKLKRKKLENKDKKDEEKNKIREE	350
301	YEVMVTGNLGIQWRHKPNVVSVEKEKNKLKRKKLENKDKKDEEKNKIRE	350
		(
351	WNNFSFFPEITHIVIKESVVSINKQDNKKMELKLSSHEEALSFVSLVDGY	400
351	WNNFSFFPEITHIVIKESVVSINKQDNKKMELKLSSHEEALSFVSLVDGY	400
		L
401	FRLTADAHHYLCTDVAPPLIVHNIQNGCHGPICTEYAINKLKQEGSEEGM	420
401	FRLTADAHHYLCTDVAPPLIVHNIQNGCHGPICTEYAINKLRQEGSEEGM	450
451	YVLRWSCTDFDNILMTVTCFEKSEQVQGAQKQF'KNF'QLEVQKGKYSLHGS	200
451		200
	501 DRSFPSLGDLMSHLKKQILRTDNISFMLKRCCQPKPR 537	
	501 DRSFPSLGDLMSHLKKQILRTDNISFMLKRCCQPKPR 537	

FIG. 29 (CONT.¹)

~ ~	MGCVQCKDKEATKLTEERDGSLNQSSGYRYGTDPTPQHYPSFGVTSIPNY 50
57	NNFHAAGGQGLTVFGGVNSSSHTGTLRTRGGTGVTLFVALYDYEARTEDD 100
5	
101	. LSFHKGEKFQILNSSEGDWWEARSLTTGETGYIPSNYVAPVDSIQAEEWY 150
101	
151	FGKLGRKDAERQLLSFGNPRGTFLIRESETTKGAYSLSIRDWDDMKGDHV 200
15	
201	KHYKIRKLDNGGYYITTRAQFETLQQLVQHYSERAAGLCCRLVVPCHKGM 250
201	
	251 PRLTDLSVKTKDVWEIPRESLQLIKRLGNGQFGEVWMG 288

	MGCVQCKDKEATKLTEERDGSLNQSSGYRYGTDPTPQHYPSFGVTSLPNY 50 	
ł		
51	NNFHAAGGQGLTVFGGVNSSSHTGTLRTRGGTGVTLFVALYDYEARTEDD 100	
51	NNEHA	
	TENER ROLD ATTACKED A FIND BLOOM IN THE PERSON OF THE PERS	_
101	LSFHKGEKFOILNSSEGDWWEARSLT"GETGYLFSNYVAFVDSLQAEFWY 	
101	LSFHK	
	(
151	FGKIGRKDAERQLLSFGNPRGTFLIRESETTKGAYSLSIRDWDDMKGDHV ZUU	_
151	FGKLG	\bigcirc
	·	_
201	KHYKIRKLDNGGYYITTRAQFETLLQQLVQHISEKAAGLCCKLVVFCAAGII	`
201	KHYKI	\bigcirc

FIG. 31 $(CONT.^{1})$

LNE 186	14	VWS 236	2 2	2 4 5		. (SVNA 239	SVNA 386
SLLELHKRRKALTEPEARYYLKQ1VLGCC1LIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	DLEVKIGDFGLATKVEYDGERKKTLCGTPNYIAPEVLSKKGHSFEVDVWS	DLEVKIGDFGLATKVEYDGERKKTLCGTPNYIAPEVLSKKGHSFEVDVWS	IGCIMYTLLVGKPPFETSCLKETYLRIKKNEYSIPKHINPVAASLLQAML	IGCIMYTLLVGKPPFETSCLKETYLKIKKNEISLEATINIVEN VERSTERSCLKETYLKIKKNEISLEATINIVEN VERSTERSCLKETYLKEN VERSTERSCLKE	QTDPT 	OTDPTARPTINELLGDEFFTSGY1PAKLF1CL11FFN: OTDPTARPTINELLGDEFFTSGY1PAKLF1CL11FFN: OTDPTARPTINELLGDEFFTSGY1PAKLF1CL11FFN: OTDPTARPTINELLGDEFFTSGY1PAKLF1CL11FFN: OTDPTARPTINELLGDEFFTSGY1PAKLF1CL11FFN: OTDPTARPTINELLGDEFFTSGY1PAKLF1CL11FFN: OTDPTARPTINELLGDEFFTSGY1PAKLF1CL11FFN: OTDPTARPTINELLGDEFFTSGY1PAKLF1CL11TFFN: OTDPTARPTINELLGDEFFTSGY1PAKLF1CL11TFFN: OTDPTARPTINELLGDEFFTSGY1PAKLF1CL11TFFN: OTDPTARPTINELLGDEFFTSGY1PAKLF1CL11TFFN: OTDPTARPTINELLGDEFFTSGY1PAKLF1CL11TFFN: OTDPTARPTINELGDEFFTSGY1PAKLF1CL11TFFN: OTDPTARPTINELGDEFFTSGY1PAKLF1CL11TFFN: OTDPTARPTINELGDEFFTSGY1PAKLF1CL11TFFN: OTDPTARPTINELGDEFFTSGY1PAKLF1CL11TFFN: OTDPTARPTINELGDEFFTSGY1PAKLF1CL11TFFN: OTDPTARPTINELGDEFFTSGY1PAKLF1CL11TFFN: OTDPTARPTINELGDEFFTSGY1PAKLF1CL11TFFN: OTDPTARPTINELGDEFFTSGY1PAKLF1CL11TFFN: OTDPTARPTINELGDEFFTSGY1PAKLF1CL11TFFN: OTDPTARPTINELGDEFFTSGY1PAKLF1CL1TFFN: OTDPTARPTINELGDEFFTSGY1PAKLF1CTFTSGY1PAKLF1CTFTSGY1PAKLFTSGYTSGYTSGY1PAKLFTSGYTSGYTSGYTSGYTSGYTSGYTSGYTSGYTSGYTSGY		
50	100	187	150	237	200	287	250	737

	500 VDKLLSSRSASNRLKAS 516 587 VDKLLSSRSASNRLKAS 603	
586		537
499	DHTKL	450
536	: :	487
449	SEHLI	400
486		437
399		350
436		387
349		300

FIG. 32 (CONT. 1)

22	LGQCWLQGVWERXPHSGLLYPLQ
208	: : : : : : :: :: :: :: :: ::
09	LRFDD]
258	
103	. QAQPRDSPMTAKGPFCPRPCPCAGPTYSI
308	
	138 PLGTQSPPDRPVEEVE 153
	: ::: : 358 PAGNTSPRAISRVD 371

The state of the s

32	ERGLTVA
230	: ::: ::: :
8	OGESYDYVFDWNMLKFGGPL.SCQPPALP 109
280	GESYDYVFDWNMLKFGAARNPEDVDRERREHEREERMGQLRGSATRALP 329
7	110 CRPONELGCSPESRGCGPGAARTRTRGEDGAATGVRDPSPAPWPTHGGH 159
) 	
330	PGPPTGATANRIRSAAEPVASTPASRIQPAGN 361
	160 COPAPQCRRARGFHASLP.HPAGWQYFSQSDLAGR 193
	: : : : 362 TSPRAISRVDRERKVSMRLHRGAPANVSSSDLTGR 396
	1

FIG. 3.

216	20
MLPEDKEADSIRGNISVKAVKKEVEKKIRCILADIPLPPELPGGDDLSKS	DKEADSLRGNISVKAVKKEVEKKLRCLLADLPLPPELPGGDDLSKS
167	

17 PEEKKTATQLHSKRRPK 233 ||||||:|||||||||||||||||||||51 PEEKKTTTQLHSKRRPK 67

\leftarrow	MSAKVF	0
, 		20
	· · · · · · · · · · · · · · · · · · ·	100
57	YVAEFLEWAKPFTQLVKEMQLHKEDFELLTNVLGRGAFGEVAVVIALGITTATION TO VAN VIALGITATION TO TAXIO TA	100
51	YVAEFLEWAKPFTQLVKEMQLHREDFELLKVLGKGAFGEVAVVINITUVTELV.)
C -	TVAMKTT NKWEMI,KRAETACFREERDVLVNGDCQWITALHYAFQDENHLY	150
-1 -> -1		150
101	IYAMKILNKWEMLKRAETACFREERDVLVNGDOQWIIALAGETACFREERDV)
1	THOTHAN THE THE TENT BEINDER FYT GEMVLAIDS I HOLHYVHRD	200
151		
151	LVMDYYVGGDLLTLLSKFEDKLPEDMARFYIGEMVLAIDSIHQLHYVHRD	200
		О П
201	IKPDNVLLDVNGHIRLADFGSCLKMNDDGTVQSSVAVGTPDYLSFLLQA	7
		250
201	IKPDNVLLDVNGHIRLADFGSCLKMNDDGTVQSSVAVG1FD1LSLH+HKM))

300	300	
:51 MEDGMGKYGPECDWWSLGVCMYEMLYGETPFYAESLVETYGKIMNHEERF	251 MEDGMGKYGPECDWWSLGVCMYEMLYGETPFYAESLVETYGKIMNHEERF	301 QFPSHVTDVSEEAKDLIQRLSC 322
\sim	\sim	

FIG. 37 (CONT. 1)

	MSAKVRLKKLEQLLLDGPWRNESALSVETLLDVLVCLYTECSHSALRRDK 50
	MSAKVRLKKLEQLLLUGPWKNESALSVEILLUVLVCIILECSHOALMUN.
\Box	YVAEFLEWAKPFTQLVKEMQLHREDFEIIKVIGRGAFGEVAVVKMKNTER 100
<u> </u>	
01	
•	
0.1	TYAMKILNKWEMLKKAETACFKEKDVLVNGDOQWILALIKE KDEMILL
7	T,VMDYYVGGDLLTLLSKFEDKLPEDMARFYIGEMVLAIDSIHQLHYVHRD 200
l }	
51	' '
	201 IKPDNVLLDVNGHIRLADFGSCLKMNDDGTV 231
	201 IKPDNVLLDVNGHIRLADFGSCLKMNDDGTV 231

214		
251		
264	A.	
301	:	
314	ڼــــــــــــــــــــــــــــــــــــــ	
351		
	364 PGRVASSGLQSVVHR 378	
	401 PGKVASSGLQSVVRK 413	

FIG. 39 (CONT.¹)

14	TFAAPSFDDKILEVVAVFGSMQMAVSRVIRLQHHRIAQCRTVKISILGDE 63
817	
79	GVPVOVDGEAWVOPPGYTRTVHKNRAOTLTRDRAFESTLKSWEDKQKCEL 113
867	GVPVOVDGEAWVQPPGYIRIVHKNRAQTLTRDRAFESTLKSWEDKQKCEV 916
114	PRPPSCSLHPEMLSEEEATQMDQFGQAAGVLIHSIREIAQSHRDMEQELA 163
917	PRPPSC
164	
196	HAVNASSKSMDRVYGKPRTTEGLNCSFVLEMVNNFRALRSETE.LLSGKM 1015
214	ALQLDF
	(;
1016	1016 ALQLDPPQKEQLGSALAEMDRQLRRLADTPWLCQSAEPGDEESVMLDLAK 1065

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764	RARAGK	313
r > 1		ر ا
990	RSRSGKFRLVTKFKKEKNNKNKEAHSSLGAPVHLWGTEEVAAWLEHLSLO) - - -
		78
314	EYKDIFTRHDIRGSELLHLERRDLKDLGVTKVGHMKKILCGIRELSKSAF	
		7
.116	EYKDIFTRHDIRGSELLHLERRDLKDLGVTKVGHMKKILCGIKELSKSAF	
	364 AVEA 367	
	1166 AVEA 1169	

FIG. 40 (CONT.¹)

[
147		
100	51 PLNNFSVAQCQLMKTERPRPNTFIIRCLQWTTVIERTFHVETPEEREEWT 100	Ω
100	51 PLNNFSVAQCQLMKTERPRPNTFIIRCLQWTTVIERTFHVETPEEREEWT	2
20	1 MSDVAIVKEGWLHKRGEYIKTWRPRYFLLKNDGTFIGYKERPQDVDQREA	
20	1 MSDVAIVKEGWLHKRGEYIKTWRPRYFLLKNDGTFIGYKERPQDVDQKEA 50	

- ->
751 MIVHDDVESEPAMTPSKEGTLIVRQTQSASSTLQKHKSSSSFTPFIDPRL 800
51 LQISPSSGTTVTSVVGFSCDGMRPEAIRQDPTRKGSVVNVNPTNTRPQSD 100
801 LQISPSSGTTVTSVVGFSCDGMRPEAIRQDPTRKGSVVNVNPTNTRPQSD 850
101 TPEIRKYKKRFNSEILCAALWGVNLLVGTESGLMLLDRSGQGKVYPLINR 150
851 TPEIRKYKKRENSEILCAALWGVNLLVGTESGLMLLDKSGQGKVYPLINK 900
151 RRFQQMDVLEGINVLVTISGKKDKLRVYYLSWLRNKILHNDPEVEKKQGW 200
901 RRFQQMDVLEGLNVLVTISGKKDKLRVYYLSWLRNKILHNDPEVEKKQGW 950
201 TTVGDLEGCVHYKVVKYERIKFLVIALKSSVEVYAWAPKPYHKFMAFKSF 250
951 TTVGDLEGCVHYKVVKYERIKFLVIALKSSVEVYAWAPKPYHKFMAFKSF 1000

251	GELVHKPLLVDLTVEEGQRLKVIYGSCAGFHAVDVDSGSVYDIYLPTHIQ	300
.001		1050
301	. CSIKPHAIIILPNTDGMELLVCYEDEGVYVNTYGRITKDVVLQWGEMPTS	350
1051		1100
351	VAYIRSNQTMGWGEKAIEIRSVETGHLDGVFMHKRAQRLKFLCERNDKVF	400
101		1150
	. 401 FASVRSGGSSQVYFMTLGRTSLLSW 425	

FIG. 42 (CONT.¹)

14	GEVDLTALAKELRAVEDVRPPHKVTDYSSSSEESGTTDEEDDDVEQEGAD 6	33
674	_	723
64	ESTSGPEDTRAASSLNLSNGETESVKTMIVHDDVESEPAMTPSKEGTLIV 11	13
707		773
1		
114	ASSTLOKHKSSSSFTPFIDPRLLQISPSSGTTVTSVVGFSCDGMR	163
774		823
164	PTRKGSVVNVNPTNTRPQSDTPEIRKYKKRFNSEILCAALWGV	213
824	PEAIRQDPTRKGSVVNVNPTNTRPQSDTPEIRKYKKRFNSEILCAALWGV 8	873
		,
214	NLLVGTESGLMLLDRSGQGKVYPLINRRRFQQMDVLEGLNVLVTISGKKD	263
874		923
264	KLRVYYLSWLRNKILHNDPEVEKKQGWTTVGDLEGCVHYKVVKYERIKFL	313
\sim	TITITITION OF THE TOTAL TO THE TOTAL PROCEDURE OF THE TOTAL CONTRACT TO THE TOTAL PROCEDURE OF THE TOTAL PROCEDURE	973
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	514 SW 515 	
1173		.124
513	-	464
1123	EDEGVYVNTYGRITKDVVLQWGEMPTSVAYIRSNQTMGWGEKAIEIRSVE	074
463		414
1073	YGSCAGFHAVDVDSGSVYDIYLPTHIQCSIKPHAIIILPNTDGMELLVCY	024
413	YGSCAGFHAVDVDSGSVYDIYLPTHIQCSIKPHAIIILPNTDGMELLVCY	364
1023		. 774
363		314

FIG. 43 (CONT.¹)

64	LTANET	
	LIVRQ	
717		
821		
7		
104		
871	WGVNLLVGTESGLMLLDRSGQGKVYPLINKKKFTQQMDVLEGLNVLVTTES	
7	-	
7 T 4		
921	KKDKLRVYYLSWLRNKILHNDPEVEKKQGWTTVGDLKGCVHYKVVRIEKI	
264	KFLVIALKSSVEVYAWAPKPYHKFMAFKSFGELVHAFLLVOLTVOLTVOLTVOLTVOLTVOLTVOLTVOLTVOLTVO	
7 (1	_
971	KFLV I ALKSS V E.V I AWAF INFILITATION STORTS STORTS	

FTG. 44

314 KVIYGSCAGFHAVDVDSGSVIDILLEILLEILLEILLEILLEILLEILLEILLEILLEIL
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FIG. 44 (CONT.¹)

250	O O O O DEFETTION DEPOPULATION OF THE OFFICE OFFICE OF THE OFFICE OFFICE OFFICE OFFICE OF THE OFFICE OFFICE OFFICE OF THE OFFICE
250	201 KCPFTVKNLAMFPDTVPMDSQSLVEVRGSCVNNSKEEDPPRMYCSTEGEW
200	151 SFTQMDLGDRILKINTEIREVGPVNKKGFYLAFQDVGACVALVSVRVYFK
200	151 SFTQMDLGDRILKINTEIREVGPVNKKGFYLAFQDVGACVALVSVRVYFK
150	101 FTLRDCNSIPLVLGTCKETFNLYYMESDDDHGVKFREHQFTKIDTIAADE
150	101 FTLRDCNSIPLVLGTCKETFNLYYMESDDDHGVKFREHQFTKIDTIAADE
100	51 GWEEISGVDEHYTPIRTYQVCNVMDHSQNNWLRTNWVPRNSAQKIYVELK
100	
20	1 MDCQLSILLLSCSVLDSFGELIPQPSNEVNLLDSKTIQGELGWISYPSH
20	1 MDCOLSTILLSCSVLDSFGELIPQPSNEVNLLDSKTIQGELGWISYPSH

251	LVPIGKCSCNAGYEERGFMCQACRPGFYKALDGNMKCAKCPPHSSTQEDG 300
T C 7	
301	SMNCRC
301	
351	TGGRKDVTFNIICKKCGWNIKQCEPCSPNVRFLPRQFGLINIIVIVITOTH
	1
351	TGGRKDVTFNI ICKKCGWN1 KQCEFCSFN VNF 11 1021 CH1111 F.
401	AHTNYTEEIDAVNGVSELSSPPROFAAVSITINGAAFSEVELINGING TIMENTEEIDAVNGVSELSSPPROFAAVSITINGAAFSEVELINGING
401	AHTNYTFEIDAVNGVSELSSPPRQFAAVSITTNQAAFSFVLLTNNDAAFSFVLLTNNDA
151	NSTSLSWOEPEHPNGIILDYEVKYYEKQEQETSYTILKAKGINVILSSLN
7	
157	TS LSN

FIG. 45 (CONT. 1)

	601 TYEDPTQAVHEFAKELDATNISIDKVVGA 629	
009	VAIII	551
009	VAIILLTVVIYVLIGRFCGYKSKHGADEKRLHFGNGHLKLPGLKTYVDFH	551
550		501
220	PDTI	0.01

FIG. 45 (CONT.²)

KKHPFFSGIDWDNIRNCEAPYIPEVSSPTDTSNFDVDDDCLKNSETMPPP
--

FIG. 46 (CONT.¹)

155

151

155

||||| CQAHG

151

	1 MEVVDPQQLGMFTEGELMSVGMDTFIHRIDSTEVIYQPRRKRAKLIGKYL 50
	1 MEVVDPQQLGMFTEGELMSVGMDTFIHRIDSTEVIIQFKKKKAKAKLIGKIL 38
Γ.,	100 100 TOPICE CRAVKEIL DSETLCRRAVKILKKKKLRRIPNGEANVKKEIQ
) -	
51	51 MGDLLGEGSYGKVKEVLDSETLCRRAVKILKKKKLKKLFNGEANVANGIY 100
7	150 TALL DSVPEKREPV 150
TOT	LLKKLKARNV 1 QLV DV HINDDIX ZITTI 1 C C C C C C C C C C C C C C C C C C
1	101 T.RRI,RHKNVIOLVDVLYNEEKQKMYMVMEYCVCGMQEMLDSVPEKRFPV 150

 1	1 MEVVDPQQLGMFTEGELMSVGMDTFIHRIDSTEVIYQPRRKRAKLIGKYL 50
	
57	51 MGDLLGEGSYGKVKEVLDSETLCRRAVKILKKKKKRRRIPNGEANVKKEIQ 100
7	
, _	101 T.I.RRT.RHKNVIOLVDVLYNEEKOKMYMVMEYCVCGMOEMLDSVPEKRFPV 150
H C	
) H	
15	151 CQAHGYFCQLIDGLEYLHSQGIVHKDIKPGNLLLTTGGTLKISDLGVAE 199
<u>-</u> П	161 CONDEVERSOLTDELEVILUSOGIVHKDIKPGNLLLTTGGTLKISDLGVAE 199

09.4**0**70

27	1	
301	VKDFLSQLKSSNRRFSIPESGQGGTEMDGFRRTIENQHSRNDVMVSEWLN 350	
77	126	
_ L		_
35 1	KLNLEEFFSSVFRKCFLIARSKAQEEQVFQAMIAGISSVFSSVFALLAILA.	`
127	_	
4 O L		
177	,	
		,
451	NIYNCSGVQVGDNNYLTMQQTTALPTWGLAPSGKGRGLQHPPPVGSQEGP 500	$\overline{}$
	227 KDPEAWSRPQGWYNHSGK 244	
	Į	
	FOT KEDEAMSREOGWYNHSGK 518	

70/138

30	EEQARELYRRIREKPRDQRTEGDSQEMVRLLLQAIQSFEKKVRVIYTQLS	79
564		613
80	بكر	129
514		663
130		179
564		713

FIG. 5(

	1 MRLTLLCCTWREERMGEEGSELPVCASCGQRIYDGQYLQALNADWHADCF 50	
\leftarrow I		
51	RCCDCS	
5	RCCDCSASLSHQYYEKDGQLFCKKDYWARYGESCHGCSEQITKGLVMVAG 100	
101		
101	ELKYHPECFICLTCGTFIGDGDTTTLVERSKLIGGGGIIQIV vif vidgi	
	•	
151	LPDSPGSHLPHTVTLVSIPASSHGKKGLSVSIDFFHGFFGCG1EASA11 VN 2	
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T C T		
(
TO7	VQ6V DFGCF12F DVIVIN	
	- - - -	
201	VQGVDPGCMSPDVKNSIHVGDRILEINGTPIKNVPLDEIDLLQEISKLL	

351 GQAIKV 356 |||||| 351 GQAIKV 356 FIG. 51 $(CONT.^{1})$

 	\sim	
		
5	RCCDCSASISHQYYEKDGQIFCKKDYWARYGESCHGCSEQI'I'KGLVMVAG 100	
27		
	7	_
101	ELKYH	
		_
101	ELKYHPECFICLTCGT'F'LGDGDTTTLVERSKLICGROTTQT V 11 V 1522 - 10	
151	LPDSPGSHLPHTVTLVSIPASSHGKRGLSVSLDrrhGrrgcGlensniv	_
		_
151	LPDSPGSHLPHTVTLVSIPASSHGKKGLSVSIDFFAGFFGCG1EIDILLVI	
	C	
201	VQGVI	_
201	VQGVDPGCMSPDVKNSIHVGDRILEINGTPIRNVPLDEIDLLQETSKLL 2	$\overline{}$

351 GQAIKV 356 |||||| 351 GQAIKV 356 FIG. 51 $(CONT.^{1})$

,	MRLTLLCCTWREERMGEEGSELPVCASCGQRIYDGQYLQALNADWHADCF 50
-	
5	
51	RCCDCS
	٣
101	ELKYHPECFICLTCGTFIGDGDTYTLVEHSKLYCGHCYYQTVVTPV1EQ1 150
101	
151	LPDSP
151	. LPDSPGSHLPHTVTLVSIPASSHGKRGLSVSIDPPHGPPGCGTEHSHIVK 200
201	-
	C
201	. VQGVDPGCMSPDVKNSIHVGDRILEINGTPIRNVPLDEIDLLLQETSKLL 230

52

301 LSPSA 305 ||:| 301 RSPGA 305 FIG. 52 $(CONT.^{1})$

	MASDAVQSEPRSWSLLEQLGLAGADLAAPGVQQQLELERERLRREIRKEL 50	
-		
5		
51		
	051 OTWNAR2OWINA FOR A CONTRACT OF THE CONTRAC	
101	PDPAATHDGPQSPGAGGPTCSATNLSKVAGLEKQLALELNVAGGEMITE 	
101	PDPAATHDGPQSPGAGGPTCSATNLSRVAGLEKQLAIELKVKQGAENMIQ	
	000 UDABONE IOURO IRAGIESTA CARTESTA CONTRACTOR CONTRAC	
151	TYSNGSTKDRKLLLTAQQMLQDSKTKLULLKMQLKAALQAASTETT	
151	TYSNG	
	050 112480048448114144448	
201	DTQGSPDLGAVELRIEELRHHFRVEHAVAEGAKNVLKLHJAKLKTKT Einer	
	I I I I I I I I I I I I I I I I I I I	
201	DTQGSPDLGAVELRIEELRHHFRVEHAVAEGAKNVLKLLAGGSPDLGAVELGAKNV	

251	SEAQEKLTESNQKLGLLREALERRLGELPADHPKGRLLREELAAASSAAF 300	
251		
301	\cap	
301		
351	RPPFLSRPARGLYSRSGSLSGRSSLKAEAENTSEVSTVENDNI	
1		
35I	PGTPDSKYFF LUKFARGLIUNGCOUDGOOG	
	450 ATALKIKI 450	
401	VVGOTSWKPCGPNAMDQSFILELERARELERAV twice ground transfer and twice ground transfer and the second control of the	
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40 T		
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դ.)		
451	DFLDNE	

53 (CONT. 1)

501 7	AFQRARQMNIDVATWVRLLRRLIPNATGTGTFSPGASPGSEARTTGDISV 550
501	AFQRARQMNIDVATWVRLLRRLIPNATGTGTFSPGASPGSEARTTGDISV 550
551	$r \cap$
551	
	(
601	LCSPLRKSPLTLEDFKFLAVLGRGHFGKVLLSEFRPSGELFAIKALKKGD 650
100	
л 1	TVARDEVEST, MCEKRILAAVTSAGHPFLVNLFGCFQTPEHVCFVMEYSAG 700
651	IVARDEVESLMCEKRILAAVTSAGHPFLVNLFGCFQTPEHVCFVMEYSAG 700
701	701 GDLMLHIHSDVFSEPRAIFYSAC
701	701 GDLMLHIHSDVFSEPRAIFYSACVVLGLQFLHEHKIVYRDLKLDNLLLDT 750

53 (CONT.²)

FIG.

-		7.23
آتآ	EGYVKIADFGLCKEGMGYGDRTSTFCGTPEFLAPEVLTDTSYTRAVDWWG	800
•		723
⊢	LGVLLYEMLVGESPFPGDDEEEVFDSIVNDEVRYPRFLSAEAIGIMRRLL	850
	RIPPFVPTLSGRTD	738
· 14	RRNPERRIGSSERDAEDVKKQPFFRTLGWEALLARRLPPPFVPTLSGRTD	006
1 -	. 739 VSNFDEEFTGEAPTLSPPRDARPLTAAEQAAFLDFDFVAGGC 780 111111111111111111111111111111111111	

FIG. 53 (CONT.³)

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\leftarrow		20
L	THOOLOELHAHVVI. THE STANDING OF THE SSSRELDLIHOOLOELHAHVVI.	100
C F		100
57	KLKEGAENIRRATTDIGRSLGPVELLLKGSSKKLULLRGAENTYKLEITTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT)
7	QIWAGAENMI SRVAGLEKOLAIELKVKQGAENMIQ	150
T O T		
101	PDPAATHDGPQSPGAGGPTCSATNLSRVAGLEKQLAIELKVKQGAENM1Q	7 P C
151	TYSNGSTKDRKLLLTAQQMLQDSKTKIDIIRMQLRRALQADQLENQAAFU	7 0 0
 		700
151	TYSNGSTKDRKLLLTAQQMLQDSKTKIDIIRMQLKKALQAGQLENQAAFD	1
		250
201	DIÕG)]
		250
201	1 DTQGSPDLGAVELRIEELRHHFRVEHAVAEGAKNVLKLLSAARAF DINGSV))

251	SEAQEKLTESNQKLGLLREALERRLGELPADHPKGRLLREELAAASSAAF	300
251		300
301	STRLAGPFPATHYSTLCKPAPLTGTLEVRVVGCRDLPETIPWNPTPSMGG	350
301	STRIAGPFPATHYSTLCKPAPLTGTLEVRVVGCRDLPETIPWNPTPSMGG	350
) !	THE THE TAKE TO SEE TO SEE TO SEE THE SECTION OF THE	400
351	PGTPDSKPPFLSKPAKGLISKSGSLSGMINTATATATATATATATATATATATATATATATATATATA	(
757	PGTPDSRPPFLSRPARGLYSRSGSLSGRSSLKAEAENTSEVSTVLKLDNT	400

FIG. 54 $(CONT.^{1})$

290 RRFSRLENRYEALAKQVASEMRFVQDLVRALEQEKLQGVECGLR 333 1111111111111111111111111111111111
361 EEKEAWYREESDSLGQDLRRLRQELLKTEALKRQAQEEAKGALLGTSGLK 410
311 SSIPPNNSYADFERFSKVLEEAAAAEEGIRELQRSRRLCHEDVEALAALY 380
40 KRRMTIAQSLEHSWIKAIRRRNVRGEDSGRKPERRRLKTTKLKEIIIASH 197
90 LSGASFFLGEINKETLINICITY
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GETALHKAACQRNRAVCQLLVDAGASLRKTDSKGKTPQERAQQAGDPDLA 1044 110 GETALHKAACQRNRAVCQLLVDAGASLRKTDSKGKTPQERAQQAGDPDLA 1065 AYLESRQNYKVIGHEDLETAV AYLESRQNYKVIGHEDLETAV 1045 111 995

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1 MRGAARLGRPGRSCLPGPALRAPPRPPLLLLLLALLPLLPAPGAAAPAPR 50 	
51 PPELQSASAGPSVSLYLSEDEVRRLIGLDAELYYVRNDLISHYALSFSLL 100 	
· ·	
201 KTSALDKNTSRTIYDPVHAAPTTSTRVFYISVGVCCAVIFLVAIILAVLH 250 	O M
251 LHSMKRIELDD 261 : 249 LHNMKRIELDD 259	

1 MPQ	1 MPQVNISVQGEVPRTLSVFRVELSCTGKVDSEVMILMQLNLTVNSSKNFT 50
132 MPQVNI	
G1 VI.N	VI NFKRKMCYKKLEEVKTSALDKNTSRTIYDPVHAAPTTSTRVFYISVG 100
182 VLNFKR	LINININININININININININININININININININ
	. 150 TYOTTOUS TSAGE TENDER TO THE THE TENDER TO THE THE TENDER TO THE T
101 VC	
232 VC	
151 RA	
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201 KD	υ — 1
	976 SHILLING TO COLUMN STATE S
330 KD	KDVLQEGTFGRIFHGILIDEKDPNKEKQAFVKTVKDVASE1QV11MH1H2 > / >

430

(CONT.¹)59 FIG.

, 	MEAIR!
34	FDNQNFASQLREAEARNRDLEAHVRQLQERMELLQAEGAIAV1GV
51	PSPRA
534	 pspratdppshmaprpwlwasarwwgqap
1	
_	
582	2RFPCSCSPLFCLVPPPWAALGWWPTPANSPQ
	134 RPGAARAP 141

3./	568))	83	603			
1 MFII.OAFGATAVTGVPSPRATDPPSHLDGPPAVAVGQ 3/	:	EGATAVIGVPSPRATDPPSHMAPKFWLWASARWWGZALOIIIIO	_ 、	::	569 CSLPGSLGLAYRRRFPCSCSF	84 TCLNAHAGOLTAVWRRPGAARAP 106	604 WPTPANSPQSGAAQEP 619

HEDFEFILGTRMRKLAREGOKPPEGFMAPKAWTVLTEYYKSLEKA HEDFEFISGTRMRKLAREGOKPPEGFMAPKAWTVLTEYYKSLEKA 580

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The first control of the first

63 LNNFSVASSVMFR

63 LINIFSVAKCQIMK 51

150 100 100 50 50 AIQAVADRLQRQEEERMNCSPTSQIDNIGEEEMDASTTHHKRKTMNDFDY AIQAVADRLQRQEEERMNCSPTSQIDNIGEEEMDASTTHHKRKTMNDFDY . LNNFSVAKCQLMKTERPKPNTFIIRCLQWTTVIERTFHVDTPEEREEWTE LNNFSVAKCQLMKTERPKPNTFIIRCLQWTTVIERTFHVDTPEEREEWTE MSDVTIVKEGWVQKRGEYIKNWRPRYFLLKTDGSFIGYKEKPQDVDLPYP MSDVTIVKEGWVQKRGEYIKNWRPRYFLLKTDGSFIGYKEKPQDVDLPYP 187 187 LKLLGKGTFGKVILVREKASGKYYAMKILKKEVIIAK LKLLGKGTFGKVILVREKASGKYYAMKILKKEVIIAK 101 101 57

151

7.3	SSOYGDERCFMFVLISPTKSVIITILSLLFTLÇ	
) [7	SFQTKDRLCFVMEYVNGGELFFHLSRERVFSEDRTR 249	
	C L C T T T T T T T T T T T T T T T T T	
123	FYGAEIVSALDYLHSGKIVYRDLKLENLMLDKDGHIKLTDFGLCKEGLID 17.	
250	FYGAEI	
173	AATMKTECGTPEYLAPEVLEDNDYGRAVDWWGLGVVMYEMMCGKLFFFFF 220	
300	AATMKTFCGTPEYLAPEVLEDNDYGRAVDWWGLGVVMYEMMCGRLPFYNQ 349	
223	1	
)]]		
350	DHEKLFELILMEDIKFPRTLSSDAKSLLSGLLIKDFNKKLGGGFDLAKLS	
273	1 —	
(
400	MKHUF	
	•	

FIG. 66

EKYDEDGMDCMDNERRPHFPQFSYSASGRE |||||||||||||||||| EKYDEDGMDCMDNERRPHFPQFSYSASGRE

·	1 MFI.I.RTTTYOPAASTKMCEQALGKGCGGNSKKKRPPQPPEESQPPQSQAQ 50	20
٠	1 MELLRTITYQPAASTKMCEQALGKGCGGDSKKKRPPQPPEESQPPQSQAQ 50	20
		7
7	VPPAAPHHHHHSHSGPEISRIIVDPTTGKRYCRGKVLGKGGFAKCYEMT	00T
4		7
51	-	0 0 T
	•	
	101 DLTNNKVYAAKIIPHSRVAKPHQREKVCMTLE 132	
	101 DLTNNKVYAAKIIPHSRVAKPHQREKIDKEIE 132	

FIG. 6

He had the first the true of t

MELLRTITYQPAASTKMCEQALGKGCGGNSKKKRPPQPPEESQPPQSQAQ 50 	VPPAAPHHHHHSHSGPEISRIIVDPTTGKRYCRGKVLGKGGFAKCYEMT 100 	101 DLTNNKVYAAKIIPHSRVAKPHQREKIDKEIELHRILHHKHVVQFYHYFE 150 	DKENIYILLEYCSRR. VSVNSYLRTFAYPELTWYSKSILSGI 191 DKENIYILLEYCSRRSMAHILKARKVLTEPEVRYYLRQIVSGL 193
1 MELLRTITYQPAASTKMCEQALOON NELLRIITYQPAASTKMCEQALOON NELLRTITYQPAASTKMCEQALO		101 DLTNNKVYAAKIIPHSRVAKP 101 DLTNNKVYAAKIIPHSRVAKP	151 DKENIYILLEYCSRR\
	5 1 2 2 1	10	

-	2	
\vdash	HILLIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	
51	VPPAA	0
57	VPPAA	0
101	DLTN	\sim
- -		0.0
7 1		
	151 DKENIYILLEYCSRR 165	
	151 DKENIYILLEYCSRR 165	

FIG. 69

101

100 100 20 ILCHEQQDREEAQREADMHRLFNHPNILRLVAYCLRERGAKHEAWLLLPF ILCHEQQDREEAQREADMHRLFNHPNILRLVAYCLRERGAKHEAWLLLPF MGHALCVCSRGTVIIDNKRYLFIQKLGEGGFSYVDLVEGLHDGHFYALKR MGHALCVCSRGTVIIDNKRYLFIQKLGEGGFSYVDLVEGLHDGHFYALKR FK 102 101 51 51

FIG. 7(

The first two controls and the first two control

\leftarrow	MERAIS	
		
27	APTSATRVPAAGAVAAAEVTVEDAEALFAAAGEQEETGE LE DE LE	
27	APTSA	
101	GRSLV	
101	-	_
151	MIIPS	_
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151		_

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201	TYGLSA	
201	TYGLSAYSGKVRYICSALGCRQWDSDEMEQEEDILLLQRTQKTVRAVGPR 250	
251		
251		
301	EAAIMD	
301		
757		
351		
40T	KISEKFFSSFKALESVTNENALLFLFTTIAMKFLIMSE SKLIVE VLVGULLT 7.0	
101		

FIG. 71 (CONT.¹)

451	KCLSNDKFSHEEYSNGALSILQYPYDNGYYLPYYKRERNKRSTQITVRFL 500	
451		
	L	
501	DNPHYN	
501		_
551	RKESET	_
5.5	RKESETOCOTENKYDSVSGEANDSSWNDIKNSGYISRYLTDFEPIQCLGR 600	_
i))		
601	GGEGVV	_
601	GGFGVVFEAKNKVDDCNYAIKRIRLPNRELAREKVMREVKALAKLEHFGI 650	_
		,
651		_
		_
651	VRYFNAWLEAPPEKWQEKMDEIWLKDESTDWPLSSPSPMDAPSVKIKKMU /00	_

FIG. 71 (CONT. 2)

01		750
01	PESTKEHIEIIAPSPQRSRSFSVGISCDQTSSSESQFSPLEFSGMDHEDI	750
5	.51 SESVDAAYNLQDSCLTDCDVEDGTMDGNDEGHSFELCPSEASPYVRSRER	800
51		008
	801 TSSSIVFEDSGCDNASSKEEPKTNRLHIGNHCANKLT 837	
	ROLL TESSIVEEDSGCDNASSKEEPKINRIHIGNHCANKLI 837	

FIG. 71 (CONT.³)

\leftarrow	MGSRAQKSAGNAELWEPLPEGRPRPAGTSSAVSAWASLKLCLRGGSGRRQ 50	
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	OUL HNAMAGIN TABLEST	
51	RLGGGRMQPEEGHRLAAGAAVRGAAATVLLRLRDDLNVIKLSHF E 1 V AN E	
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)		_
101	DI.FKTGMGRPGORRIWEAVKRRKALCKRKSWMNKVFSGKRLEAEFFFHHS	$\overline{}$
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101	DLEKIGMGRPGQRRLWEAVKRRKALCKRKSWMSKV£SGARLEALFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF)
	000 HDARMINGBOUCHTATT THE THE TOTAL THE	
151	OSTERKTSPAPGGPAGEGPLOSLICLIGEKULKLLEALGUGGFGVTXXX)
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151	QSTFRKTSPAPGGPAGEGPLQSLTCLlGEKULKLLENLGDGSFOVTANGE	
201	WDAPSGKTVS)
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201	WIDAPSGKTVSVAVKCLKPDVLSQPEAMDDFIREVNAMHSLDHKNLIKLIG	>

210		0 T Z
251	VVLTPPMKMVTELAPLGSLLDRLRKHQGHFLLGTLSRYAVQVAEGMGYLE	300
210		210
2 × 0 × 0 × 0 × 0 × 0 × 0 × 0 × 0 × 0 ×	SKRFIHRDLAARNLLLATRDLVKIGDFGLMRALPQNDDHYVMQEHRKVPF	350
2 0 1 0	•	210
75	AWCAPESLKTRTFSHASDTWMFGVTLWEMFTYGQEPWIGLNGSQILHKID	400
210	•	210
401	. KEGERLPRPEDCPQDIYNVMVQCWAHKPEDRPTFVALRDFLLEAQPTDMR	450

FIG. 72 (CONT.¹)

210
-1 atonerrpdkt,Hiomndvitviegraenywwrgontrilcvgpfprnvvï bou
51 ALQUE LE
010virupmhpp 550
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250 GLWLAKPSARVPGTRASROSOMONIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
300 DACSLI. DETPPQSPTKALFAFILITITITITITITITITITITITITITITITITITITI
618 GHGRLLPAGRDPASEPHAGTARPLHPTPVVDWDARFJIII 1111-111

FIG. 72 (CONT.²)

FVPEOARPPPLEDNLFLPPQ 397		PAGSPAPSPGGDDKPQVPPR 447	6 4	GPASPPRVEFRUITSE ZTITITITITITITITITITITITITITITITITITITI	FASDPKYATPQVIQAPGPRAGP 547	SEASDPKYATPQVIQAPG.AGGP 895	. 597 - 597 - 597	ERIGIN LINE	LIVE KEEL
QUATIEDUTE TABOBLA BANADACTOR.	348 DDFEICSINSTLVGAGVPAGPSQGQINIII	98 GGGKPP	148 GGGKPPSSAQTAEIFQALQQECMRQLQAP.GSPAPSPSGGDDKPQVPPK	448 VPIPPRPTRPHVQLSPAPPGEEETSQWPGPASPPRVFFALL 1111111111111111111111111111111111	797 VPIPPRPTRPHVQLSPAFFGEGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	498 SPLVPPGSSPLPPKLSSSFGAILT TTE TTE TO THE TO THE TO THE TOTAL STATE OF THE TOTAL AGG PAGG PAGG PAGG PAGG PAGG PAGG PAG	847 SPLVPPGSSPLPRKLSSICCELLY	548 CILPIVRDGKKVSSTHYYLLPERPSILERIQUE LIN	LPI

5 98	TLPPP	547
946		995
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04α		
966	996 LPORGCPGDGPEAGRPADKIOMAMVHGVTTEECOAALOCHGWSVORACPV 1045	.045
9	698 SEGGAALRAGSAAQRECHKVLEMFDWNLEQAGCHLLGSWGPAHHKR 743	\sim
		,
7	1016 SFGGAALRAGSAAORECHKVLEMFDWNLEQAGCHLLGSWGPAHHKR 1091	9.

FIG. 72 (CONT.⁴)

	MASNPERGEILLTELQGDSRSLPFSENVSAVQKLDFSDTMVQQKLDDIAD 30
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57	
101	OELNAHIVVSDPEDITDCPRTPDTPNNDPRCSTSNNRLKALQKQLDIELK 150
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151	
151	VKQGAENMIQMYSNGSSKDRKLHGTAQQLLQDSKTKLEVIKMQ1LQAVQ1
7	
707	NETAFUNARFO LSFLEDAMBELLATION TATALLATION TO THE POLICY OF
201	
251	
251	
)	

FTG. 73

ASPTLSPROSMISTONOYSTLSKPAALTGTLEVRLMGCQDILENVPGRSK 350
ASPTLSPROSMISTONOYSTLSKPAALTGTLEVRLMGCODILENVPGRSK 350
ATSVALPGWSPSETRSSFMSRTSKSKSGSSRNLLKTDDLSNDVCAVLKLD 400
NTVVGQTSWKPISNQSWDQKFTLELDRSRELEISVYWRDWRSLCAVKFLR 450
LEDFLDNQRHGMCLYLEPQGTLFAEVTFFNPVIERRPKLQRQKKIFSKQQ 500
L
GKTFLRAPOMNINIATWGRLVRRAIPTVNHSGTFSQAFVFTTVFVVVDVR 550
GKTFLRAPQMNINIATWGRLVRRAIPTVNHSGTFSPQAPVPTTVPVVDVR 550

FIG. 73 (CONT. 1)

IPQLAPPA 558 |||||||| |IPQLAPPA 558

551

	MASNPERGEILLTELQGDSRSLPFSENVSAVQKLDFSDTMVQQKLDDIKD 50	
	MASNPERGEILLTELQGDSRSLPFSENVSAVQKLDFSDTMVQQKLDDIKD 50	
27	RIKREIRKELKIKEGAENLRKVTTDKKSLAYVDNILKKSNKKLEELHHKL 100	
5	RIKREI	
101	QELNAHIVVSDPEDITDCPRTPDTPNNDPRCSTSNNRLKALQKQLDIELK 150	
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TOT	QELNA	
ر 1	VKOGA	
-1 .) -1		
151	VKQGA	
201	NELAF	
201	NELAFDNAKPVISPLELRMEELRHHFRIEFAVAEGAKNVMKLLGGGNV 1 D	

251 RKALSEAQARFNESSQKLDLLKYSLEQRLNEVPKNHPKSRIIIEELSLVA 300
251 RKALSEAQARFNESSQKLDLLKYSLEQRLNEVPKNHPKSRIIIEELSLVA 300
301 ASPILSPROSMISTONQYSTLSKPAALIGTLEVRLMGCODILENVPGRSK 350
301 ASPTLSPRQSMISTQNQYSTLSKPAALTGTLEVRLMGCQDILENVPGRSK 350
351 ATSVALPGWSPSETRSSFMSRTSKSKSGSSRNLLKTDDLSNDVCAVLKLD 400
401 NTVVGQTSWKPISNQSWDQKFTLELDRSRELEISVYWRDWRSLCAVKFLR 450
401 NTVVGQTSWKPISNQSWDQKFTLELDRSRELEISVYWRDWRSLCAVKFLR 450

FIG. 74 (CONT. 1)

FIG. 74 (CONT.²)

The light wond from the last in the word from the last three from

101

100 100 50 TSELLGEGAYAKVQGAVSLQNGKEYAVKIIEKQAGHSRSRVFREVETLYQ TSELLGEGAYAKVQGAVSLQNGKEYAVKIIEKQAGHSRSRVFREVETLYQ MVSSQKLEKPIEMGSSEPLPIADGDRRRKKKRRGRATDSLPGKFEDMYKL MVSSQKLEKPIEMGSSEPLPIADGDRRRKKKRRGRATDSLPGKFEDMYKL CQGNKNILELIEFFEDDTRFYLVFEKLQGGT CQGNKNILELIEFFEDDTRFYLVFEKLQGGS 101 \leftarrow 51

MVSSQKLEKPIEMGSSEPLPIADGDRRRKKKRRGRATDSLPGKFEDMYKL 112 MVSSQKLEKPIEMGSSEPLPIADGDRRRKKKRRGRATDSLPGKFEDMYKL 141 TSELLGEGAYAKVQGAVSLQNGKEYAVKV

5

\leftarrow	2
194	:
51	51 WSLGVVLYIMLSGYPPFVGHCGADCGWDRGEVCRVCQNKLFESIQEGKYE 100
244	244 WSLGVVLYIMLSGYPPFVGHCGADCGWDRGEVCRVCQNKLFESIQEGKYE 293
	1
101	FPDKDW
294	FPDKDWAHISSEAKDLISKLLVRDAKQRLSAAQVLQHPWVQGQAPEKGLP 343
151	TPQVL(
344	TPQVLQRNSSTMDLTLFAAEAIALNRQLSQHEENELAEEFEALADGLCSM
	1
	201 KLSPPCKSRLARRRALAQAGRGEDRSPPTAL 231
	394 KLSPPCKSRLARRRALAQAGRGEDRSPPTAL 424

MEYCLGSASDLLEVHKKPLQEVEIAAITHGALHGLAYLHSHALIHR

101

5 MEELHSLDPRRQELLEARFTGVGVSKGPLNSESSNQSLCSVGSLSDKEVE MEELHSLDPRRQELLEARFTGVGVSKGPLNSESSNQSLCSVGSLSDKEVE TPEKKONDORNRKRKAEPYETSOGKGTPRGHKISDYFETA TPEKKQNDQRNRKRKAEPYETSQGKGTPRGHKISDYFEFA 51

The time that the time that the

27	PGP 76	
435	KDLVEEEAEEAGVALRSTQSTLQAGLAADAWAAPIAMQIYKKHLDPRPGP 484	
77	CHI,SWAWAWASWPAAACTAGPKGRPPMTQVYERLEKLQAVVAGVPGHLEA 126	
. α 	CPPFIGIGIGOLACCCI,HRRAKRRPPMTOVYERLEKLQAVVAGVPGHLEA 534	
)]]]	
127	ASCI.PFPQENSYVSSTGRAHSGAAPWQPLAAPSGASAQAAEQLQRGPNQ 175	
535		
	(
176	PVESDE	
585	PVESDESLGGLSAALRSWHLTPSCPLDPAPLREAGCPQGDTAGESSWGSG 634	
	1	
226	PGSRPTA	
635		
	NFR.	

The Letter was the part of the part of the Research of the Res

20 QTQACPPLSWPQRLDILLGTARAIQFLHQDSPSLIHGDIKSSNVLLDERL 69
303 QTQACPPLSWPQRLDILLGTARAIQFLHQDSPSLIHGDIKSSNVLLDERL 352
70 TPKLGDFGLARFSRFAGSSPSQSSMVARTQTVRGTLAYLPEEYIKTGRLA 119
353 TPKLGDFGLARFSRFAGSSPSQSSMVARTQTVRGTLAYLPEEYIKTGRLA 402
190 VDTDTFSFGVVVI,FTLAGORAVKTHGARTKYLKDLVEEEAEEAGVALRST 169
)
170 QSTLQAGLAADAWAAPIAMQIYKKHLDPRPGPCHLSWAWAWASWPAAACT 219
453 QSTLQAGLAADAWAAPIAMQIYKKHLDPRPGPCPPELGLGLGLGCLACCLIR 302
89C SHRRVINGAG TRRKATIIDAM KAMAKA KAMAKA TAMAKA TAM
(PPMTQVYEKLEKLQAVVAGVEGREEROC±•±±±±×±±+==============================
503 RRAKRRPPMTOVYERLEKLQAVVAGVPGHLEAASCIPPSPQENSYVSSTG 552

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~ ~	1 MAGGPGPGPAAPGAQHFLYEVPPWVMCRFYKVMDALEPADWCQFAALIV 50 	
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7	51 RDOTELRLCERSGORTASVLWPWINRNARVADLVHILTHLOLLRARDIIT 100	
, r.	RDOTELRICERSGORTASVLWPWINRNARVADLVHILTHLOLLRARDIIT 100	
)		
7	101 AMHPPAPI, PSPGTTAPRPSSIPAPAEAEAEAWSPRKLPSSASTFLSPAFPGS 150	
,) H		
101	AWHPPAPLPSPGTTAPRPSSIPAPAEAEAEAWSPRKLPSSASTFLSFAFFGS	
7	151 OTHSGPELGLVPSPASLWPPPPSPAPSSTKPGPESSVSLLQGAKFSFFCW 200	
) 		
7	PELGLVPSPASLWPPPPSPAPSSTKPGPESSVSLLQGAKFSFFCW	

FIG. 82 (CONT.¹)

NE REPUTE

1 64	1 MFTEEDVKFYLAELALALDHLHSLGIIYRDLKPENILLDEEGHIKLTDFG 50
7	LSKESIDHEKKAYSFCGTVEYMAPEVVNRRGHTQSADWWSFGVLMFEMLT 100
14	14 LSKESIDHEKKAYSFCGTVEYMAPEVVNRRGHTQSADWWSFGVLMFEMLT 263
0.1	رَب
64	
5	GPDGVE
314	
0.1	
364	KTPKDS
	v I
]) .
	414 NSIQFTDGYEVKEDIGVGSYSVCKRCIHKATNMEFAVKI 452

	MPLAQLADPWQKMAVESPSDSAENGQQIMDEPMGEEEINPQTEEVSIKEI 50
-	HILLIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
5 1 5 1	AITHHVKEGHEKADPSQFELLKVLGQGSFGKVFLVKKISGSDARQLYAMK 100
101	1 VLKKATLKVRDRVRTKMERDILVEVNHPFIVKLHYAFQTEGKLYLILDFL 150 1
\leftarrow	151 RGGDLFTRLSKEVMFTEEDVKFYLAELALALDHLHSLGIIYRDLKPE 197

EGITFSVPPFAPSGFCTIPEGGICRRGGAAVGEGEEHQLPPPP 	PGSFWNVESAAAPGIGCPAATSSSSATRGRGSSVGGGSRRTTVAYVINEA 100		IAVVEMSDAFRQPSLFYHLGVRESFSMANNIILYCDTNSDSLQSLKEIIC 200	IAVVEMSDAFRQPSLFYHLGVKES FSMANN LLLCZIIIS	201 QKNTMCTGNYTFVPYMLTPHNKVICOSOLIMOOFITTION	DKNTMCTGNYTFVPYM 1'I'PHNKV 1 CCDSSI FILCH F.F.
1 MSTEADE 1 MSTEADE 51 PGSFWNV	51 PGSEWN\	101 SQGQLV 101 SQGQLV	151 IAVVEN	151 IAVVEN	201 QKNTMC	201 QKNTM

82

251	LPLVDRFIQLLKVAQASSSQYFRESILNDIRKARNLYTGKELAAELARIR	300
251	LPLVDRFIQLLKVAQASSSQYFRESILNDIRKARNLYTGKELAAELARIR	300
0	OBVION TEVITADIVINILLSYRDIQDYDSIVKLVETLEKLPTFDLASHHH	350
301 301	ORVDNIEVLTADIVINLLLSYRDIQDYDSIVKLVETLEKLPTFDLASHHH	350
		400
351	VKFHYAFALNKKINLFGDRAIGHTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	400
351	VKFHYAFALNRRNLPGDRAKALDIMIPMVQSEGQVASUMYCLVGKLINDIM)) !'
	SETION AVELLAAGHQFESSF	450
401	FLDSNE"!UTESKURGASWE MICH.	75
401	FLDSNFTDTESRDHGASWFKKAFESEPTLQSGINYAVLLLAAGHQFESSF)) j
	451 ELRKVG 456	
	 451 ELRKVG 456	

85 (CONT.¹)

50 145 MREFEVLKKINHKNIVKLFAIEEETTTRHKVLIMEFCPCGSLYTVLEEPS MREFEVLKKINHKNIVKLFAIEEETTTTRHKVLIMEFCPCGSLYTVLEEPS NAYGLPESEFLIVLRDVVGGMNHLRENGIVHRDIKPGNIMRAL NAYGLPESEFLIVLRDVVGGMNHLRENGIVHRDIKPGNIMRVI 103 53

The field the the state that the field the

FIG. 8(

11 **12** 11

LYQMLCGIANLHING HILLING TIMEDLE SNIVVKSDCTLKILDFGLARTAGTSFM 21 LYQMLCGIKHLHSAGIIHRDLKPSNIVVKSDCTLKILDFGLARTAGTSFM 21
LYQMLCGIRHLHING IN IN IN IN IN IN IN IN IN IN IN IN IN
CIRRELINGACITHROLKPSNIVVKSDCTLKILDFGLARTAGTSFM CGIKHLHSAGIIHROLKPSNIVVKSDCTLKILDFGLARTAGTSFM VTRYYRAPEVILGMGYKENVDIWSVGCIMGEMVRHKILFPGRDYI
LYQMLCGIKHLHSAGIIHRDLKPSNIVVKSDCTLKILDFGLARTAGTSFM LYQMLCGIKHLHSAGIIHRDLKPSNIVVKSDCTLKILDFGLARTAGTSFM TYQMLCGIKHLHSAGIIHRDLKPSNIVVKSDCTLKILDFGLARTAGTSFM MTPYVVTRYYRAPEVILGMGYKENVDIWSVGCIMGEMVRHKILFPGRDYI MTPYVVTRYYRAPEVILGMGYKENVDIWSVGCIMGEMVRHKILFPGRDYI DQWNKVIEQLGTPCPEFMKKLQPTVRNYVENRPKYAGLTFPKLFPDSLFP
LYQMLCGIRHLHSAGIIHRDLKPSNIVVKSDCTLKILDFGLARTAGTSFM LYQMLCGIKHLHSAGIIHRDLKPSNIVVKSDCTLKILDFGLARTAGTSFM LYQMLCGIKHLHSAGIIHRDLKPSNIVVKSDCTLKILDFGLARTAGTSFM MTPYVVTRYYRAPEVILGMGYKENVDIWSVGCIMGEMVRHKILFPGRDYI MTPYVVTRYYRAPEVILGMGYKENVDIWSVGCIMGEMVRHKILFPGRDYI DQWNKVIEQLGTPCPEFMKKLQPTVRNYVENRPKYAGLTFPKLFPDSLFP

FIG. 87

420

(CONT. 1) 87 FIG.

:::::|: :::|:: FQDVYLVMELMDANLCQV

139

20	80	8	138	
1 MSKSKVDNOFYSVEVGDSTFTVLKRYQNLKPIGSGAQGIVCAAYDAVLDR 50	1 11		89 NVAIKKLSRPFQNQTHAKRAYRELVLMKCVNHKNIISLLNVFTPQKTLEE 138	SEVIEKI, AVGVCKI 100

FIG. 88

18 SM 112

 	MAMTGSTPCSSMSNHTKERVTMTKVTLENFYSNLIAQHEEREMKQKKLEK 50
\leftarrow	MAMTGSTPCSSMSNHTKERVTMTKVTLENFYSNLIAQHEEREMRQKKLEK 50
57	
5	1
101	GEVRLVQKKDTGHVYAMKILRKADMLEKEQVGHIRAERDILVEADSLWVV 150
) 	
101	
151	KMFYSFQDKLNLYLIMEFLPGGDMMTLLMKKDTLTEEE'I'QF'YLAEI'V DAL
) 	
151	KMFYSFQDKINLYLIMEFLPGGDMMTLLMKKDTLTEEETQF1LAE1VLAA
201	
201	DSIHQLGFIHRDIKPDNLLLDSKGHVKLSDFGLCTGLKKAHK1EFINNLIN

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FIG. 89 (CONT.¹)

(NO SMA))

 GQIH 192	CWMA 110	 pcwma 242	LQNDP 160	 LQNDP 292	0.10 KY10 ET		FFOKA 342	SDDEMD 260	 SDDEMD 392	
LDIIKYIVNRGEHKNGVLEEAIIATILKEVLEGLDYLHRNGKLII 	LSGGSMLDILLINITATIONS FLATGGDVTRNKVRKTFVGTPCWMA	RDLKAGNILLGEDGSVQIADI OVOII	TIMILVENENTIMET .	PEVMEQVRGYDFKADMWSFGITALELAIGAAFILLAITTITTITTITTITTITTITTITTITTITTITTITTITT	PEVMEQVRGYDFKADMWSFGLTALELAIGAALIANIE	PTLETGVEDKEMMKKYGKSFRKLLSLCLQKDPSKRPTAAELLKCKFFUKA 		THE DEPOS TO THE DESTRUCTION OF	KNREYLIEKLITRTPDIAQKARA OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO	LIEKLLTRTPDIAQRAKKVKKVrgssgiihiiix
LEEAIIATILK EEAIIATILK	SAFI,ATGGDVTI	SAFLATGGDVI	• • • • • • • • • • • • • • • • • • • •			LLSLCLQKDPSI		HDSSD411aa1111		KKVKKV ravoai
IVNRGEHKNGV 	(A)出口以上(A)出口以下	DGSVQIADIGV EDGSVQIADFGV	•	FKADMWSFGITZ 	FKADMWSFG1'I'	MMKKYGKSFRK		•	TRTPD1AQKAK	TRTPDIAQRAK
VSGGSMLDIIKY:		DLKAGN I LLGE 	•	PEVMEQVRGYD)	PEVMEQVRGYD	PTLETGVEDKE		•	KNREYLIEKLI 	KNREY
•	.43 L	61 R		111	243	161			211	343

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The first term was now to the second of the

FIG. 90 (CONT.¹)

547

543

QLSVS ||||| QLSVS

VSGGSMLDIIKYIVNRGEHKNGVLEEAIIATILKEVLEGLDYLHRNGQIH 60 :		RDLKAGNILLGEDGSVæring 1	160 TOWNSTELL OF THE TAME OF THE TOWN THE TAME T	EVMEQVRGYDFKADMWSfG11A15111111111111111111111111111111111	PEVMEQVRGYDFKADMWS+'GITALLLAIGMIT TITTLE TO THE TOTAL TITTLE TO THE TOTAL TITTLE TO THE TOTAL TITTLE TO THE TOTAL TITTLE TO THE TOTAL TITTLE TO THE TOTAL TITTLE TO THE TOTAL TITTLE TO THE TOTAL TITTLE TO THE TOTAL TITLE TO THE TOTAL THE TOTAL TITLE TO THE TOTAL TITLE TO THE TOTAL TITLE TO THE TOTAL TITLE TO THE TOTAL TITLE TO THE TOTAL TITLE TO THE TOTAL TITLE TO THE TOTAL TITLE TO THE TOTAL TITLE TO THE TOTAL TITLE TO THE TOTAL TITLE TO THE TOTAL TITLE TO THE TOTAL TITLE TO THE TOTAL THE TOTAL TITLE TO THE TOTAL TITLE TO THE TOTAL TITLE TO THE TOTAL TITLE TO THE TOTAL TITLE TO THE TOTAL TITLE TO THE TOTAL TITLE TO THE TOTAL TITLE TO THE TOTAL TITLE TO THE TOTAL TO THE TOTAL TITLE TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO T		GVEDKEMMKKYGKSFKKLLSLCLCLCLCLCLCLCLCLCLCLCLCLCLCLCLCLCL	 KNREYLIEKILT'R'I'PLAQKAIN'Y IVIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	KNREYLIEKLLTRTPDIAQRAKKVRRVPGSSGHLHALEDGDWLWZZZZZZZ
11 VSGGSM]:	•	61 RDLKAGN 193 RDLKAG	•	111 PEVMEC	243 PEVMEÇ	161 PTLETY - 161 161		211 KNREY	343 KNREY

FIG.

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310	442	360		4 y Z		
	261 EKSEEGKAAFSQEKSRRVKEENPELAVSMOTTETETTIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII		311 NEDYREASSCAVNLVLRLRNSRKELNDIRFEFTFGKDIADGVSZGGG		361 LVDGHDVVIVAANLQKIVDFAATATTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	493 LVDGHDVVIVAANLQKIVDDPKALKTLTFKL 523

FIG. 91 (CONT.¹)